Q1,2.

create table Customer (

CustomerID int not null primary key identity(1,1),

Name nvarchar(50),

City nvarchar(50),

Country nvarchar(50),

Phone nvarchar(15),

Email nvarchar(50),

)

create table CustomerAccount (

AccountNumber char(9) not null primary key,

CustomerID int not null foreign key references Customer(CustomerID),

Balance money not null,

MinAccount money

)

create table CustomerTransaction (

TransactionId int not null primary key,

AccountNumber char(9) foreign key references CustomerAccount(AccountNumber),

TransactionDate smalldatetime,

Amount money CHECK (Amount > 0 AND Amount <= 1000000),

DepositorWithdraw bit

)

**Q3.**

insert into Customer(Name,City,Country,Phone,Email) values

('Mr Cuong','HaNoi','VietNam','0974917646','daicacuong0311@gmail.com'),

('Mr But','ThaiBinh','VietNam','0838353123','nguyentrongbut0705@gmail.com'),

('Mr Nguyen','HCM','VietNam','0375830029','nguyenluu9x@gmail.com')

insert into CustomerAccount(AccountNumber,CustomerID,Balance,MinAccount) values

('1611',1,2000,1000),

('1612',2,5000,1000),

('1613',3,7000,1000)

insert into CustomerTransaction(TransactionId,AccountNumber,TransactionDate,Amount,DepositorWithdraw) values

(131111,'1611','2022-09-08',200,1),

(131112,'1612','2022-10-08',300,1),

(131113,'1613','2022-11-08',400,1)

**Q4.**

select \* from Customer where City = 'HaNoi'

**Q5.**

--Name, Phone, Email, AccountNumber, Balance

select C.Name, C.Phone, C.Email, A.AccountNumber, A.Balance from Customer as C join CustomerAccount as A on C.CustomerID = A.CustomerID

**Q7.**

-- Name, AccountNumber, TransactionDate, Amount, and DepositorWithdraw

create view vCustomerTransactions as

select C.Name, A.AccountNumber from Customer as C

join CustomerAccount as A on A.CustomerID = C.CustomerID

join CustomerTransaction as T on T.TransactionId = A.CustomerID